AMENDMENTS

Amendments to the Claims

Please amend the claims as follows:

1 – 28. (Canceled).

29.   (Currently Amended) A method for automatically generating a web interface for an MFS-based IMS application, comprising:

an interface accepting a parameter set provided as a single input;

importing MFS-based IMS source files corresponding to an MFS-based IMS application;

generating and storing at least one eXtended Markup Language Metadata Interchange (XMI) file comprising a standardized metadata description of MIDs/DIFs pairs and MODs/DOFs pairs for the MFS-based IMS application associated with the imported MFS-based IMS source files; and

generating a middleware application from the at least one XMI file, the middleware application configured to interface between a client application and the MFS-based IMS application; and

automatically deploying without human intervention the generated at least one XMI file and middleware application to one or more servers.

30.   (Canceled).

31.   (Previously Presented) The method of claim 29, further comprising loading a script comprising the parameter set from persistent storage.

32.   (Original) The method of claim 31, wherein the script comprises a plurality of parameter sets each associated with a different MFS-based IMS application.

33.   (Previously Presented) The method of claim 29, wherein the parameter set is manually entered, the method further comprising storing the manually entered parameter set.

34.   (Previously Presented) The method of claim 29, wherein the interface comprises a plurality of modes, each mode comprising a different level of user interaction.

35.   (Original) The method of claim 34, wherein one mode comprises a batch mode that reads the parameter set from persistent storage.

36.   (Original) The method of claim 29, further comprising presenting an error message in response to an error condition triggered when generating the at least one XMI file.

37.   (Original) The method of claim 29, wherein importing comprises importing a plurality of MFS-based IMS source files from a single directory in response to a single parameter.

38.   (Canceled)

39 – 40. (Canceled)

41. (Previously Presented) The method of claim 35, wherein one mode comprises a novice mode that prompts a user for each parameter in the parameter set.

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42. (Previously Presented) The method of claim 41, wherein one mode comprises an expert mode that prompts the user to enter the parameter set as a single entry.

43. (New) A utility for automatically generating a web interface for an MFS-based IMS application, comprising:

an interface configured to accept a parameter set provided as a single input;

an import module configured to import MFS-based IMS source files

corresponding to an MFS-based IMS application;

a metadata generator configured to generate and store at least one eXtended

Markup Language Metadata Interchange (XMI) file comprising a

standardized metadata description of MIDs/DIFs pairs and

MODs/DOFs pairs for the MFS-based IMS application associated

with the imported MFS-based IMS source files;

a code generator configured to generate a middleware application from the at

least one XMI file, the middleware application configured to interface

between a client application and the MFS-based IMS application; and

a deployment module configured to automatically deploy without human

intervention the generated at least one XMI file and middleware

application to one or more servers.

44. (New) The utility of claim 43, further comprising a loader configured to load a script comprising the parameter set from persistent storage.

45. (New) The utility of claim 44, wherein the script comprises a plurality of parameter sets each associated with a different MFS-based IMS application.

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46.   (New) The utility of claim 43, wherein the parameter set is manually entered, the utility further comprising a storage module configured to store the manually entered parameter set.

47.   (New) The utility of claim 43, wherein the interface comprises a plurality of modes, each mode comprising a different level of user interaction.

48.   (New) The utility of claim 48, wherein one mode comprises a batch mode that reads the parameter set from persistent storage.

49.   (New) The utility of claim 43, further comprising an error module configured to present an error message in response to an error condition triggered when generating the at least one XMI file.

50.   (New) The method of claim 43, wherein the import module is configured to import a plurality of MFS-based IMS source files from a single directory in response to a single parameter.

51. (New) The method of claim 49, wherein one mode comprises a novice mode that prompts a user for each parameter in the parameter set.

52. (New) The method of claim 51, wherein one mode comprises an expert mode that prompts the user to enter the parameter set as a single entry.

53.   (New) An article of manufacture comprising a program storage medium readable by a processor and embodying one or more instructions executable by the processor to perform a method for automatically generating a web interface for an MFS-based IMS application, the method comprising:

an interface accepting a parameter set provided as a single input;

importing MFS-based IMS source files corresponding to an MFS-based IMS application;

generating and storing at least one eXtended Markup Language Metadata Interchange (XMI) file comprising a standardized metadata description of MIDs/DIFs pairs and MODs/DOFs pairs for the MFS-based IMS application associated with the imported MFS-based IMS source files;

generating a middleware application from the at least one XMI file, the middleware application configured to interface between a client application and the MFS-based IMS application; and

automatically deploying without human intervention the generated at least one XMI file and middleware application to one or more servers.

54.   (New) The article of manufacture of claim 53, the method further comprising loading a script comprising the parameter set from persistent storage.

55.   (New) The article of manufacture of claim 54, wherein the script comprises a plurality of parameter sets each associated with a different MFS-based IMS application.

56.   (New) The article of manufacture of claim 53, wherein the parameter set is manually entered, the method further comprising storing the manually entered parameter set.

57.   (New) The article of manufacture of claim 53, wherein the interface comprises a plurality of modes, each mode comprising a different level of user interaction.

58.   (New) The article of manufacture of claim 58, wherein one mode comprises a batch mode that reads the parameter set from persistent storage.

59.   (New) The article of manufacture of claim 53, the method further comprising presenting an error message in response to an error condition triggered when generating the at least one XMI file.

60.   (New) The article of manufacture of claim 53, the method further comprising importing a plurality of MFS-based IMS source files from a single directory in response to a single parameter.

61. (New) The article of manufacture of claim 59, wherein one mode comprises a novice mode that prompts a user for each parameter in the parameter set.

62. (New) The article of manufacture of claim 61, wherein one mode comprises an expert mode that prompts the user to enter the parameter set as a single entry.